

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	1990	(chip or processor or die or semiconductor) same ((internal or integral) same cooling)	USPA T	2004/04/20 08:37	
2	BRS	L2	266	(chip or processor or die or semiconductor) same ((internal or integral) same cooling)	JPO	2004/04/20 09:06	
3	BRS	L3	0	1 and (channels or micro-channels or microchannels or grooves)	JPO	2004/04/20 08:39	
4	BRS	L5	7	2 and (channels or micro-channels or microchannels or grooves)	JPO	2004/04/20 08:39	
5	BRS	L4	633	1 and (channels or micro-channels or microchannels or grooves)	USPA T	2004/04/20 09:01	
6	IS&R	L6	25	((("6292365") or ("6133631") or ("6070656") or ("6046659") or ("6020564") or ("5982250") or ("5969848") or ("5966957") or ("5966941") or ("5963856") or ("5933323") or ("5919325") or ("5867990") or ("5859763") or ("5801442") or ("5708570") or ("5665249") or ("5661647") or ("5638946") or ("5611876") or ("5598632") or ("5498905") or ("5309457") or ("5268812") or ("5121089"))).PN.	USPA T	2004/04/20 09:03	

	Error Definition	Er ro rs
1		0
2		0
3		0
4		0
5		0
6		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
7	IS&R	L7	16	(("4333571") or ("5682943") or ("5598632") or ("5592024") or ("5514832") or ("5508234") or ("5309457") or ("5278103") or ("5192715") or ("5179043") or ("5119164") or ("5099311") or ("5057908") or ("5051814") or ("4138692") or ("4079410")) .PN.	USPA T	2004/04/2 0 09:05	
8	IS&R	L8	15	(("5682943") or ("5598632") or ("5592024") or ("5514832") or ("5508234") or ("5309457") or ("5278103") or ("5192715") or ("5179043") or ("5119164") or ("5099311") or ("5057908") or ("5051814") or ("4138692") or ("4079410")) .PN.	USPA T	2004/04/2 0 09:06	
9	BRS	L9	71	(chip or processor or die or semiconductor) same ((internal or integral) same cooling)	EPO	2004/04/2 0 09:10	
10	BRS	L10	494	(chip or processor or die or semiconductor) same ((internal or integral) same cooling)	DERW ENT	2004/04/2 0 09:29	
11	BRS	L11	1357	1 not 4	USPA T	2004/04/2 0 09:29	
12	BRS	L12	64	11 and boiling and vapor	USPA T	2004/04/2 0 09:31	

	Error Definition	Er ro rs
7		0
8		0
9		0
10		0
11		0
12		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments
13	IS&R	L13	2	((("4450472") or ("5203401"))).PN.	USPA T	2004/04/20 09:39	
14	BRS	L14	6	(chip or processor or die or semiconductor) same ((internal or integral) same cooling) and thermosyphon	USPA T	2004/04/20 09:48	
15	BRS	L15	0	(chip or processor or die or semiconductor) same ((internal or integral) same cooling) and thermosyphon	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/20 09:48	
16	BRS	L16	12	(chip or processor or die or semiconductor) and thermosyphon	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/20 09:52	
17	BRS	L17	31	(chip or processor or die or semiconductor) and thermosyphon	USPA T	2004/04/20 09:54	

	Error Definition	Er ro rs
13		0
14		0
15		0
16		0
17		0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
17	IS&R	L17	1	("6704200").PN. (die or chip or semiconductor or processor) same micro-channels same cool\$3	USPA T	2004/04/19 14:05			0
18	BRS	L18	20	(die or chip or semiconductor or processor) same micro-channels same cool\$3	USPA T	2004/04/19 14:58			0
19	BRS	L19	37	(die or chip or semiconductor or processor) same microchannels same cool\$3	USPA T	2004/04/19 14:31			0
20	BRS	L20	37	19 not 18 (die or chip or semiconductor or processor) same micro-fluidic same cool\$3	USPA T	2004/04/19 14:18			0
21	BRS	L21	3	(die or chip or semiconductor or processor) same micro-fluidic same cool\$3	USPA T	2004/04/19 14:25			0
22	BRS	L22	8	(die or chip or semiconductor or processor) same microfluidic same cool\$3	USPA T	2004/04/19 14:25			0
23	BRS	L23	14	(die or chip or semiconductor or processor) same (microscopic adj channels) same cool\$3	USPA T	2004/04/19 14:31			0
24	BRS	L24	2	(die or chip or semiconductor or processor) same (microscopic adj channels) same cool\$3	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/19 14:31			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
25	BRS	L25	13	(die or chip or semiconductor or processor) same microchannels same cool\$3	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/19 14:31			0
26	BRS	L26	4	(die or chip or semiconductor or processor) same micro-channels same cool\$3	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/19 14:47			0
27	BRS	L31	1	(die or chip or semiconductor or processor) same micro-channels and (condens\$1r same top)	USPA T	2004/04/19 14:49			0
28	BRS	L32	0	(die or chip or semiconductor or processor) same micro-channels and (condens\$1r same top)	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/19 14:51			0
29	BRS	L33	3	(die or chip or semiconductor or processor) same micro-channels and (condens\$1r same above)	USPA T	2004/04/19 14:49			0
30	BRS	L34	3	(die or chip or semiconductor or processor) same micro-channels and (condens\$1r)	USPA T	2004/04/19 14:50			0

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
31 BRS	L35	1	(die or chip or semiconductor or processor) same micro-channels and (condens\$1r)	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/1 9 14:50			0
32 BRS	L36	2	(die or chip or semiconductor or processor) same micro-channels and (condens\$3)	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/1 9 14:50			0
33 BRS	L37	0	cooling same micro-channels and (condens\$1r same top)	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/1 9 14:51			0
34 BRS	L38	0	cooling and micro-channels and (condens\$1r same top)	EPO; JPO; DERW ENT; IBM_ TDB	2004/04/1 9 14:51			0
35 BRS	L39	2	cooling and micro-channels and (condens\$1r same top)	USPA T	2004/04/1 9 14:52			0
36 BRS	L40	3	cooling and micro-channels and (condens\$1r same above)	USPA T	2004/04/1 9 14:52			0
37 BRS	L41	1	361/\$.ccls. and micro-channels and (condens\$1r same above)	USPA T	2004/04/1 9 14:53			0
38 BRS	L42	14	361/\$.ccls. and micro-channels	USPA T	2004/04/1 9 14:53			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
39	BRS	L43	1150	(die or chip or semiconductor or processor) same channels same cool\$3	USPA T	2004/04/1 9 15:49			0
40	BRS	L44	23	43 and (condens\$1r same (above or top))	USPA T	2004/04/1 9 14:59			0
41	BRS	L45	50	(die or chip or semiconductor or processor) same channels same cool\$3	JPO	2004/04/1 9 15:21			0
42	BRS	L46	0	(die or chip or semiconductor or processor) same channels same (integrated adj (heat adj pipe))	JPO	2004/04/1 9 15:20			0
43	BRS	L47	2	(die or chip or semiconductor or processor) same channels same (integrated adj (heat adj pipe))	USPA T; EPO; DERW ENT; IBM_ TDB	2004/04/1 9 15:20			0
44	BRS	L48	42	(die or chip or semiconductor or processor) same channels same cool\$3	IBM_ TDB	2004/04/1 9 15:29			0
45	BRS	L49	83	(die or chip or semiconductor or processor) same channels same cool\$3	EPO	2004/04/1 9 15:41			0
46	BRS	L50	390	(die or chip or semiconductor or processor) same channels same cool\$3	DERW ENT	2004/04/1 9 15:47			0
47	BRS	L51	10	50 and (boil\$3 or vapor)	DERW ENT	2004/04/1 9 15:47			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
48	BRS	L52	290	43 and (boil\$3 or vapor)	USPA T	2004/04/19 15:50			0